

ABSTRACT OF THE DISCLOSURE

Systems and methods for reducing or preventing fluid misplacement by a fluid-ejecting head having a plurality of fluid ejectors are disclosed. Each of the fluid ejectors has a transducer activated in some sequence in response to input signals to eject a fluid droplet from the fluid ejector. The systems comprise electronics which integrate delay time buffers into the sequence of fluid ejector firing electronics. Adjusting the delay time buffers will adjust the angle between printed data (e.g. vertical lines) and the direction of the head motion. Several methods for determining the delay times that produce the optimal fluid placement are disclosed.